

Name _____

Date _____

Lesson 4: Interpreting and Computing Division of a Fraction by a Fraction—More Models

Exit Ticket

Calculate each quotient. If needed, draw a model.

1. $\frac{9}{4} \div \frac{3}{8}$

2. $\frac{3}{5} \div \frac{2}{3}$

Lesson Topic: Divide two fractions word problems

Question 1:

Claire made $\frac{1}{2}$ pound of trail mix. If she puts $\frac{1}{4}$ pound of trail mix into each bag, how many bags are filled?

Question 2:

You made $\frac{1}{2}$ quart of lemonade. How many $\frac{1}{4}$ quart-sized glasses will you be able to fill with lemonade?

Question 3:

A square park has an area of $\frac{1}{16}$ square miles and a length of $\frac{1}{4}$ mile. What is the width of the park?

Question 4:

The area of a rectangular field is $\frac{1}{200}$ km². If the width of the field is $\frac{1}{10}$ km, what is the length of the field?

Question 5:

How many $\frac{3}{4}$ cup servings are in $\frac{6}{7}$ cup of granola?

Question 6:

A bird feeder holds $\frac{2}{3}$ cup of birdseed. If the bird feeder is filled with a scoop that holds $\frac{1}{6}$ cup, how many scoops of birdseed is put into the feeder?

scoops

Question 7:

How many $\frac{1}{2}$ cup servings are in $\frac{7}{9}$ of a cup of ice-cream?

Question 8:

Will needs to add $\frac{5}{8}$ cups of flour to a cake recipe. How many scoops of flour should she use if she measures the flour with a $\frac{1}{4}$ cup measuring utensil?